GV-EDR1100 Series   1.3MP H.264 Low Lux WDR IR Mini Fixed Rugged IP Dome

- 1/3" progressive scan low lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Intelligent IR
- Day and Night function (with removable IR-cut filter)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- 2-axis mechanism (pan / tilt)
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 12V / PoE (IEEE 802.3af)
- Megapixel lens
- NAS Recording
- Recording assigned by GV-Edge Recording Manager (Windows & Mac)
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

* For optimal performance and compatibility, it is highly recommended to use a GV-NAS System.

Introduction

The Target Mini Fixed Rugged Dome is an outdoor, fixed, mini-sized network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera adheres to IK10 and IP67 standards. It is adjustable in 2 axis (pan and tilt) and can be connected through PoE.
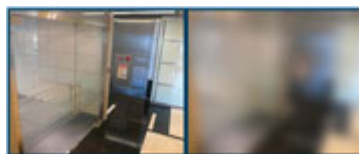
Models

Model	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-EDR1100-0F	Fixed	2.8	F/2.0	1/2.7"
GV-EDR1100-2F	Fixed	3.8	F/1.8	1/2.7"

Active Tampering Alarm

Tampered	Focus Change	Camera Shift
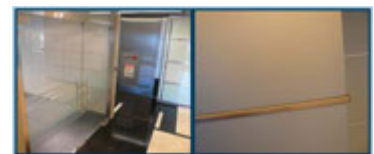
Dimensions
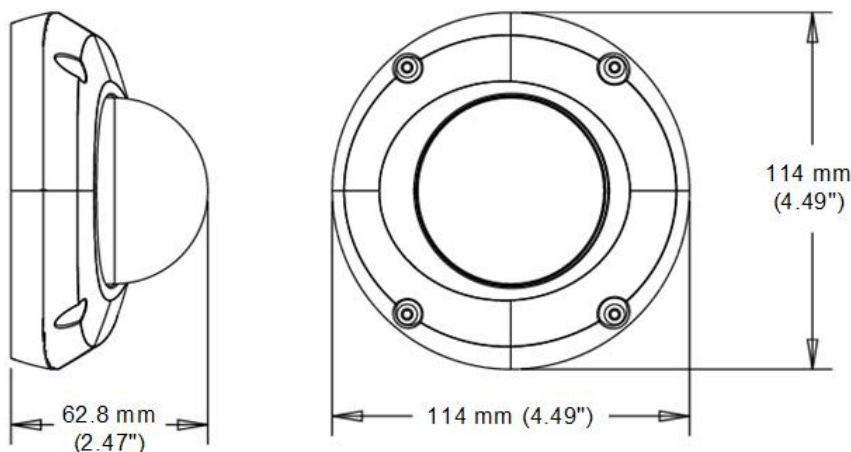
Specifications

Camera		GV-EDR1100-0F	GV-EDR1100-2F
Image Sensor		1/3" progressive scan low lux CMOS	
Picture Elements		1280 (H) x 1024 (V)	
Minimum Illumination	Color	0.05 Lux	
	B/W	0.03 Lux	
	IR ON	0 Lux	
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec.)	
White Balance		Automatic, Manual (2800K ~ 8500K)	
Gain Control		Automatic	
S/N Ratio		50 dB	
WDR		Yes	
Dynamic Range		Up to 72 dB	
Lens			
Megapixel		Yes	
Day/Night		Yes (with removable IR-cut filter)	
Focal Length		2.8 mm	3.8 mm
Lens Type		Fixed	
Maximum Aperture		F/2.0	F/1.8
Mount		M12, Pitch 0.5 mm	
Horizontal FOV		93°	64°
Image Format		1/2.7"	
Operation	Focus	Fixed	
	Zoom	Fixed	
	Iris	Fixed	
IR LED Quantity		12 IR LEDs	
Max. IR Distance		15 m (50 ft)	
Operation			
Video Compression		H.264, MJPEG	
Video Streaming		Dual streams from H.264 and MJPEG	
Frame Rate		30 fps at 1280 x 1024 * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog	
Audio Support		N/A	

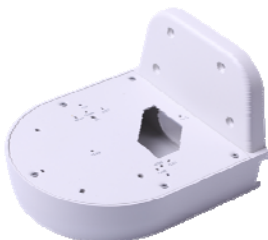| Video Resolution		
Main Stream	4:3	1280 x 960, 640 x 480, 320 x 240
	16:9	1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256
Network		
Interface		10/100 Ethernet
Ethernet Protocol		DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA
Mechanical		
Camera Angle Adjustment	Pan	-45° ~ 45°
	Tilt	0° ~ 63°
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
LED Indicator		4 LEDs: Link, ACT, Power, Status
General		
Environment Temperature	Start-up	-20°C ~ 50°C (-4°F ~ 122°F)
	Operation	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity		10% to 90% (no condensation)
Power Source		12V DC / PoE (IEEE 802.3af)
Max. Power Consumption		5.8 W
Dimension		ø 114 x 62.8 mm (4.49'' x 2.47")
Weight		600 g (1.32 lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		CE, FCC, RCM, RoHS compliant
Power over Ethernet		
PoE Standard		PoE (IEEE 802.3af Power over Ethernet / PD)
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 350mA. Max. 15.4 watts
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or Utility
Access from Web Browser		Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Text Overlay, Digital PTZ
Language		Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Applications		
Network Storage		GV-System (GV-DVR/NVR), GV-Recording Server, GV-VMS
Smart Device Access		GV-Eye for Android smartphone, tablet, iPhone, iPod Touch, and iPad
Live Viewing		IE, mobile phone
CMS Server support		GV-Control Center, GV-Center V2, GV-Vital Sign Monitor

Note: Specifications are subject to change without prior notice.

Packing List

1. Target Mini Fixed Rugged Dome
2. Screw x 2
3. Screw Anchor x 2
4. Focus Adjustment Clip
5. Installation Sticker
6. Conduit Converter
7. RJ-45 Connector
8. Waterproof rubber set (for RJ45)
9. Waterproof rubber set (for RJ45 and DC12V)
10. Torx Wrench
11. Silica Gel Bag x 2
12. Sticker (for Silica Gel Bag) x 2
13. Concave hexagon Wrench
14. Ruler
15. Screw for Conduit Converter x 2
16. GV-IPCAM H.264 Quick Start Guide
17. GV-IPCAM H.264 Software DVD
18. GV-NVR Quick Start Guide
19. GV-NVR Software DVD

Note: Power adapters can be purchased upon request.

Accessories

Model No. / Name	Details
GV-Mount900 Wall Mount Bracket 	Dimensions: 154 x 108 x 50 mm (6.1'' x 4.3'' x 2") Weight: 240 g (0.53 lb)
GV-Mount909 Wall Mount Bracket 	Dimensions: 170 x 150 x 110 mm (6.7'' x 5.9" x 4.3'') Weight: 610 g (1.34 lb)
GV-Mount910 Power Box Mount Bracket 	Dimensions: 112 x 98 x 7.5 mm (4.4'' x 3.9'' x 0.3'') Weight: 105 g (0.23 lb)
GV-Mount913 Power Box Mount Bracket 	Dimensions: Ø 146 x 7.5 mm (Ø 5.7'' x 0.3'') Weight: 180 g (0.4 lb)

Model No. / Name	Details
GV-PA191 PoE Adapter 	Weight: 130 g (0.29 lb) Dimensions (H x W x D): 43 x 69 x 40 mm (1.69" x 2.72" x 1.57")
Plastic PG21 Conduit Connector 	The plastic PG21 conduit connector is used for running the wires of the camera through a 1/2" conduit pipe.
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.
GV-POE Switch	The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.